



OFF ROAD LUMINAIRE MOUNTING

POLE HEIGHT FT	POLE SIDE BOTTOM IN	BASE PLATE		BOLT CIRCLE IN
		THICKNESS IN	SIDE IN	
30	7 1/2	1	13 1/2	13 1/2
40	8	1 1/4	13 1/2	13 1/2
50	9	1 1/4	16	16

IDENTIFICATION TAG
PLACE ON SIDE OF POLE FACING TRAFFIC

FLUSH ACCESS HOLE WITH
REINFORCING FRAME COVER,
AND TWO (2) STAINLESS STEEL SCREWS

5'-0" MIN
7'-0" MAX

BASE PLATE (SEE
TABLE FOR DIMENSIONS)

BREAKAWAY TRANSFORMER
BASE (WHERE REQUIRED)

NOTES:

1. HANDHOLES, AND TRANSFORMER BASE OPENINGS SHALL BE INSTALLED ON THE SIDE OF THE POLE FACING AWAY FROM TRAFFIC.
2. MOUNTING HEIGHT SHALL BE MEASURED FROM THE CENTER OF THE LUMINAIRE TO TOP OF THE POLE BASE PLATE.
3. POLE TAPER: 0.1" TO 0.14" PER FOOT OF LENGTH.
4. REFER TO APPROPRIATE 800 SERIES STANDARD PLATE FOR ANCHOR BOLT DETAILS.
5. REFER TO APPROPRIATE 800 SERIES STANDARD PLATE FOR LIGHTING STRUCTURE FOUNDATION DETAILS.

SPECIFICATION
808

CATEGORY CODE ITEMS

APPROVED

DIRECTOR - OFFICE OF TRAFFIC AND SAFETY



APPROVAL • SHA
REVISIONS
APPROVAL 7-1-94
REVISED 10-1-01
REVISED
REVISED

APPROVAL • FEDERAL
HIGHWAY ADMINISTRATION
APPROVAL 7-1-94
REVISED 2-1-01
REVISED
REVISED

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

SQUARE LIGHTNING STRUCTURE

STANDARD NO.

MD 808.02